

To: "Chirienco, Mirona I" [Chirienco@isotechlabs.com]; ick Wilkin/ADA/USEPA/US@EPA;Steve Vandegrift/ADA/USEPA/US@EPA[]; teve Vandegrift/ADA/USEPA/US@EPA[]
Cc: "Pelphrey, Steven R" [steve@isotechlabs.com]; Hendrickson, Renee S" [Hendrickson@isotechlabs.com]; Langenfeld, Alan R" [alan@isotechlabs.com]
From: "Legner, Christy L" <Legner@isotechlabs.com>
Sent: Wed 6/13/2012 4:19:26 PM
Subject: RE: Project: Pavillion Groundwater, Task #23993- Job 17997
[Job17997revised.pdf](#)
[Job17997.xls](#)
chirienco@isotechlabs.com

Hi Rick and Steve-

After looking over this data I noticed that we didn't analyze the dD isotope for two samples. I apologize for this oversight on our part. I have updated the report to include these two new isotope ratios. One dD value is for sample 245046-PGDW23-0412. We reported a carbon value of +12.7 and without a dD value we couldn't really say much about that unusual number. Now, with the dD value, I can say these isotopes show a pattern typical of oxidation and not leakage. If you have any questions regarding this data, please don't hesitate to contact me.

Thanks,

Christy Legner

QC Manager

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From: Chirienco, Mirona I
Sent: Friday, June 01, 2012 3:40 PM
To: Rick Wilkin; Steve Vandegrift
Cc: Pelphrey, Steven R; Hendrickson, Renee S; Legner, Christy L; Langenfeld, Alan R
Subject: Project: Pavillion Groundwater, Task #23993- Job 17997

Hi all,

Please find attached the results for the 6 samples you submitted for analyses from Project Pavillion Groundwater, Task #23993-Job 17997. We noticed that samples 245046 and 245048 had unusually heavy methane carbon isotopes, but the duplicate runs for these samples matched the original runs within our QA/QC limits, so we are confident that these data as accurate as reported. Please note that we were not able to obtain all the requested isotope analyses due to insufficient concentrations.

Christy Legner will send you the QAQC data for this job as soon as possible.

We will hold the samples until 7/2/2012 in case you would like any additional analyses carried out, after which we will dispose of the remaining sample material. If you need us to hold the samples longer, please contact us.

Please let us know if you have any questions about these data.

Regards,

Mirona Chirienco

Project Geologist

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